

**WHAT IS CLAIMED IS:**

1. A gas cylinder warmer comprising, in combination:  
first and second layers;  
a plurality of electric, self-regulating heating elements positioned between the first and second layers; and  
wherein a first one of the heating elements produces a higher temperature than a second one of the heating elements.
2. The gas cylinder warmer according to claim 1, wherein the first one of the heating elements is located below the second one of the heating elements.
3. The gas cylinder warmer according to claim 1, wherein the heating elements are formed by a self-regulating heating cable.
4. The gas cylinder warmer according to claim 3, wherein the self-regulating heating cable forms a higher watt density at the first one of the heating elements than at the second one of the heating elements.
5. The gas cylinder warmer according to claim 1, wherein the first and second layers are formed of silicone impregnated cloth.
6. The gas cylinder warmer according to claim 1, further comprising insulation located between the heating elements and the second layer.
7. The gas cylinder warmer according to claim 1, wherein the first layer is provided with a plurality of pockets and the heating elements are located within the pockets.

8. The gas cylinder warmer according to claim 1, wherein the first and second layers form a cylindrically-shaped main wall and further comprising a top wall located at the top of the main wall.

9. The gas cylinder warmer according to claim 8, wherein the top wall is provided with an opening for passage of a gas cylinder regulator therethrough.

10. The gas cylinder warmer according to claim 1, further comprising a gas-tight enclosure containing an electrical connection between a power input cable and the heating elements.

11. A gas cylinder warmer comprising, in combination:

- a cylindrically-shaped main wall including a liner, a facing and insulation located between the liner and the facing;
- at least one electric, self-regulating heating element positioned between the liner and the insulation; and
- a planar top wall located at the top of the main wall and having an opening for passage of a gas cylinder regulator.

12. The gas cylinder warmer according to claim 11, wherein there is a first heating element and a second heating element and the first heating element produces a higher temperature than the second heating element.

13. The gas cylinder warmer according to claim 12, wherein the first heating element is located below the second heating element.

14. The gas cylinder warmer according to claim 11, wherein the heating element is formed by a self-regulating heating cable.

15. The gas cylinder warmer according to claim 14, wherein the self-regulating heating cable forms a higher watt density at the first heating element than at the second heating element.

16. The gas cylinder warmer according to claim 11, wherein the liner and the facing are formed of silicone impregnated cloth.

17. The gas cylinder warmer according to claim 11, wherein the liner is provided with a pocket and the heating element is located within the pocket.

18. The gas cylinder warmer according to claim 11, further a gas-tight enclosure containing an electrical connection between a power input cable and the heating element.

19. A gas cylinder warmer comprising, in combination:

a cylindrically-shaped main wall including a liner, a facing, and insulation located between the liner and the facing;

first and second electric, self-regulating heating elements positioned between the liner and the insulation;

wherein the liner is provided with first and second pockets and the first and second heating elements are located within the pockets;

wherein the first heating element has a higher wattage density than the second heating element;

wherein the first heating element is located below the second heating element;

a gas-tight enclosure containing an electrical connection between a power input cable and the first and second heating elements; and

a planar top wall located at the top of the main wall and having an opening for passage of a gas cylinder regulator.

20. The gas cylinder warmer according to claim 19, wherein the first and second heating elements are formed by a self-regulating heating cable and the self-regulating heating cable forms a higher watt density at the first heating element than at the second heating element.